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REISSUE PATENT APPLICATION TRANSMITTAL

Address to:	Attomey Docket No.					
Assistant Commissioner for Patents	First Named Inventor Allan S. Gengle					
Box Relssue	Original Patent Number 5,158,523					
Washington, DC 20231	Original Patent Issue Date (Month/Day/Year) 12/12/2000					
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APPLICATION FOR REISSUE OF:	EXPRESS Mail Label No. ET017963255US					
APPLICATION FOR REISSUE OF: (Check applicable box)	Design Patent Plant Patent					
APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS					
The transmittal Form (PTO/ SB/ 56) (Submit an original, and a duplicate for fee processing)	x Statement of status and support for all changes					
2. Applicant daims small entity status. See 37 CFR 1.27.	to the claims. See 37 CFR 1.173 (c). Original U.S. Patent for surrender					
3. Specification and Claims in double column copy of patent format (amended, if appropriate)	Ribboned Original Patent Grant					
4. X Drawing(s) (proposed amendments, if appropriate)	Statement of Loss (PTO/SB/55)					
5. Reissue Oath/Declaration (original or copy) (37 C.F.R. § 1.175) (PTO/SB/51 or 52)	12. Foreign Priority Claim (35 U.S.C. 119) (if applicable)					
6. X Power of Attorney	13. Information Disclosure Statement (IDS)/PTO-1449 Copies of ID: Citations					
7. Original U.S. Patent currently assigned? X Yes No	English Translation of Reissue Oath/Declaration (if applicable)					
(If Yes, check applicable box(es))	(п аррпсавіе)					
Written Consent of all Assignees (PTO/SB/53)	15. X Preliminary Amendment					
x 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)	16. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
8. CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table	17. Other:					
Nucleotide and/or Amino Acid Sequence Submission (if applicable, all of the following are necessary)						
a. Computer Readable Form (CFR)						
b. Specification Sequence Listing on:						
i □ CD-ROM (2 copies) or CD-R (2 copies); or ii □ paper						
c. Statements verifying identity of above copies						
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	Registration No. (Attorney/Agent) 43720					
NAME (PrintType) Mark L. Kleypas Signature	Registration No. (Attomey/Agent) 43720					

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of inform REISSUE APPLICATION FEE TRANSMITTAL FORM						Docket Number (Optional)				
			Cla	ims as	Filed - Part	1			· · ·	
Claims in		Numb	er Filed in		(3)	Small E	Entity Other t			Small Entity
Patent		Reissue Application		Nun	ber Extra	Rate	Fee		Rate	Fee
(A) 37	Total Claims (37 CFR 1.16(j))	(B) 43 (D) 10		6 = • 1 =		x \$=		or	x\$ <u>18</u> =	108
(C) 9	Independent claims (37 CFR 1.16(i))					x \$=			×\$ <u>80</u> =	80
				Basic	Fee (37 CI	FR 1.16(h))	\$			<u>\$ 710</u>
Total Filing Fee						ee	\$		OR	\$ 898
			Claim	s as Ar	nended - Pa	art 2				
	(1) Claims Remaining	(2) Highest Numbe		mber	(3) Small		Entity		Other than a Small Ent	
	After Amendment		Previous Paid Fo	ly :	Claims Present	Rate	Fee		Rate	Fee
Total Claims (37 CFR 1.16(j)	***	MINUS	**		* =	×\$=			x \$=	=
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE APPLICATION FOR REISSUE

STATEMENT OF STATUS OF CLAIMS AND

SUPPORT FOR ALL CHANGES TO THE CLAIMS UNDER 37 C.F.R. §1.173(c)

Applicant: Allan S. Gengler, et al.

Patent No.: 6,158,523 Date: August 23, 2001

Issued: December 12, 2000 Group Art Unit:

Exam:

For: AGRICULTURAL DISC MOUNTING SYSTEM AND METHOD

Commissioner for Patents

Box: REISSUE

Washington, D. C. 20231

Sir:

Status of Claims:

Claims 1-4 and 6-44 are pending. Of the pending claims, Claims 1-4 and 6-37 are the original patent claims and Claims 38-44 are new claims. Claim 5 is cancelled herein, and amendments are made to original Claims 1, 11, 16 and 21.

Support for Changes to the Claims:

Claim 1 is amended to include the limitations of Claim 5, and to thereby specify that the leaf spring used in the claimed disc mounting system is "generally U-shaped." Likewise, Claim 21 is amended to specify that the spring used in the claimed mounting method is "generally U-shaped." U-shaped springs are clearly shown in Figures 3-10 and described at column 5, lines 54-56; column 6, lines 58-64; and column 7, lines 11-15.

Claims 11 and 16 are amended to specify that only the front disc blades need be individually mounted to the implement using the claimed mounting system. An implement having the front disc blades individually mounted and the rear disc blades conventionally mounted in rigid disc gangs is shown in Fig. 1. and described at column 2, lines 36-40 and generally throughout the specification.

New Claim 38 is directed toward an implement having a gang of disc blades wherein each disc in the gang is individually mounted to the implement. Such an implement is shown in Figure 1 and discussed generally throughout the application, and in particular from column 5, line 2 to column 6, line 17.

Claim 39 depends from Claim 38 and specifies that the disc spindle is canted at an angle of from 3 to 13 degrees from horizontal. This feature is discussed at column 6, lines 15-17.

Claim 40 depends from Claim 38 and specifies that the spring is generally U-shaped. U-shaped springs are clearly shown in Figures 3-10 and described at column 5, lines 54-56; column 6, lines 58-64; and column 7, lines 11-15.

Claim 41 depends from Claim 38 and specifies that the implement has a second disc gang at an opposite end of the machine. Such an implement is shown in Figure 1 and discussed generally throughout the application, and in particular from column 5, line 2 to column 6, line 17.

Claim 42 depends from Claim 41 and adds the limitation that the implement includes ripper shanks mounted between the first and second disc gangs. Ripper shanks are shown in Fig. 1 and discussed at column 5, lines 23-41.

Claim 43 depends from Claim 38 and adds limitations specifying the orientation of the disc spindle relative to the spring lower leg. This orientation is shown in Figs. 5-8. In addition, the language is generally identical to language included in issued Claims 1 and 21.

Claim 44 depends from Claim 38 and adds the limitation that the closed end of the leaf spring is canted. This feature is shown in Figs. 5 and 6, and discussed at column 5, line 65 to column 6, line 3.

Respectfully submitted,

Allan S. Gengler, et al.

Mark L. Kleypas

Reg. No. 43,720

Attorney

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